

INTERNATIONAL SEARCH REPORT

PCT/IT 03/00203

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A63B22/06 A63B23/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A63B B62K B63H B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 394 935 B1 (LAKE CHESTER M) 28 May 2002 (2002-05-28) column 2, line 14 -column 4, line 2 column 5, line 55 -column 7, line 65; figures 11,14,22,24,25 ---	1,5,10
A	DE 17 941 C (GLATZ ADOLPH) 8 May 1882 (1882-05-08) the whole document ---	1-10
A	US 5 544 906 A (CLAPPER LAWRENCE D JAKE) 13 August 1996 (1996-08-13) the whole document ---	1-10
A	US 5 833 256 A (GILMORE ROGER C) 10 November 1998 (1998-11-10) the whole document ---	1-10

Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *g* document member of the same patent family

Date of the actual completion of the International search

11 August 2003

Date of mailing of the international search report

21/08/2003

Name and mailing address of the ISA
 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl
 Fax: (+31-70) 340-3016

Authorized officer

Lundblad, H

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6394935	B1 28-05-2002	NONE	
DE 17941	C	NONE	
US 5544906	A 13-08-1996	NONE	
US 5833256	A 10-11-1998	NONE	